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## Product Data Sheet

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Product Name: CHMP2B Human  
 Cat. No.: GP23150  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Chromatin modifying protein 2B; CHMP2.5; VPS2B; Vacuolar protein sorting-associated protein 2-2; hVps2-2; DMT1; DKFZp564O123; VPS2 homolog B.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MASLFKKKTV DDVIKEQNRE LRGTQRAIIR DRAALEKQEK QLELEIKKMA KIGNKEACKV LAKQLVHLRK QKTRTFVSS KVTSMTQTK VMNSQMKMAG AMSTTAKTMQ AVNKKMDPQK TLQTMQNFQK ENMKMEMTEE MINDTLDDIF DGSDDEEESQ DIVNQVLDEI GIEISGKMAK APSAARSLPS ASTSKATISD EEIERQLKAL GVD		
Formulation	CHMP2B protein 1mg/ml is supplied in 20mM Tris-HCL, pH-8, 0.1M NaCl, 2mM DTT and 20% Glycerol.		

### Introduction

CHMP2B is a member of the vacuolar sorting protein family. CHMP2B is a component of the ESCRT-III complex which is essential for sorting endosomal articles into multivesicular bodies (MVBs), and are also obligatory for the formation of these bodies. CHMP2B is usually found in brain, heart, skeletal muscle, small intestine, pancreas, lung, placenta and leukocytes.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

CHMP2B Human Recombinant produced in E.coli is a single, non-glycosylated

**Caution: Product has not been fully validated for medical applications. For research use only.**

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polypeptide chain containing 233 amino acids (1-213) and having a molecular mass of 26.1 kDa. The CHMP2B is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

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